

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM031117\  
 Data File : BM009209.D  
 Acq On : 11 Mar 2017 15:54  
 Operator : SJ/MA  
 Sample : I2107-11DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AKODL

Quant Time: Mar 13 11:55:52 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 13 11:21:07 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 218      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.68 | 136  | 697      | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.52 | 164  | 409      | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.26 | 188  | 938      | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.44 | 240  | 1043     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.77 | 264  | 1067     | 0.40 | ng/ul | 0.00     |

|                             |       |     |     |      |       |      |
|-----------------------------|-------|-----|-----|------|-------|------|
| System Monitoring Compounds |       |     |     |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152 | 46  | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.29 | 212 | 101 | 0.03 | ng/ul | 0.00 |

|                            |       |     |      |        |        |     |
|----------------------------|-------|-----|------|--------|--------|-----|
| Target Compounds           |       |     |      | Qvalue |        |     |
| 3) Naphthalene             | 10.73 | 128 | 402  | 0.20   | ng/ul# | 70  |
| 5) 2-Methylnaphthalene     | 12.34 | 142 | 346  | 0.24   | ng/ul  | 100 |
| 7) Acenaphthylene          | 14.23 | 152 | 150  | 0.07   | ng/ul# | 33  |
| 8) Acenaphthene            | 14.57 | 153 | 48   | 0.03   | ng/ul# | 80  |
| 9) Fluorene                | 15.56 | 166 | 54   | 0.03   | ng/ul# | 68  |
| 11) Pentachlorophenol      | 16.92 | 266 | 10   | 0.02   | ng/ul  | 92  |
| 12) Phenanthrene           | 17.30 | 178 | 1269 | 0.43   | ng/ul  | 93  |
| 13) Anthracene             | 17.30 | 178 | 1251 | 0.43   | ng/ul  | 94  |
| 15) Fluoranthene           | 19.31 | 202 | 2538 | 0.66   | ng/ul  | 98  |
| 17) Pyrene                 | 19.68 | 202 | 2465 | 0.69   | ng/ul  | 95  |
| 18) Benzo(a)anthracene     | 21.42 | 228 | 1414 | 0.41   | ng/ul  | 93  |
| 19) Chrysene               | 21.42 | 228 | 1414 | 0.43   | ng/ul  | 94  |
| 21) Benzo(b)fluoranthene   | 23.07 | 252 | 2760 | 0.66   | ng/ul  | 96  |
| 22) Benzo(k)fluoranthene   | 23.07 | 252 | 2760 | 0.74   | ng/ul  | 94  |
| 23) Benzo(a)pyrene         | 23.57 | 252 | 1065 | 0.28   | ng/ul  | 92  |
| 24) Indeno(1,2,3-cd)pyrene | 26.15 | 276 | 981  | 0.20   | ng/ul# | 89  |
| 25) Dibenzo(a,h)anthracene | 26.16 | 278 | 265  | 0.07   | ng/ul# | 33  |
| 26) Benzo(g,h,i)perylene   | 26.88 | 276 | 918  | 0.22   | ng/ul# | 90  |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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